

EQ Tracking # \_\_\_\_\_

• **WASTE CHARACTERIZATION REPORT**

TO EXPEDITE YOUR WASTE APPROVAL, PLEASE COMPLETE THIS FORM ENTIRELY

**Please Choose One EQ Management Facility**

- ☐ **Michigan Disposal Waste Treatment Plant** 49350 N. I-94 Service Drive Belleville, MI 48111 EPA ID # MID 000 724 831  
(Stabilization and Treatment) Phone: 800-592-5489 Fax: 800-592-5329
- ☐ **Wayne Disposal, Inc. Site #2 Landfill** 49350 N. I-94 Service Drive Belleville, MI 48111 EPA ID # MID 048 090 633  
(Hazardous & Chemical Waste Landfill) Phone: 800-592-5489 Fax: 800-592-5329
- ☐ **Michigan Recovery Systems, Inc.** 36345 Van Born Road Romulus, MI 48174 EPA ID # MID 060 975 844  
(Solvent Recycling, Fuel Blending, WW Treatment) Phone: 800-521-0998 Fax: 734-326-9375
- ☐ **EQIS - Transfer & Processing** 1010 Old Rawsonville Road Ypsilanti, MI 48197 EPA ID # MIR 000 033 969  
(Drum Transfer/Non-Hazardous Liquid Processing) Phone: 734-547-1000 Fax: 734-480-9195

**Section 1 - Generator & Customer Information**

SIC # 9999

Generator EPA ID # PAD 980830780

Generator Boarhead Farms Public Admin

Facility Address 1310 Lonely Cottage Dr.

City Upper Black Eddy State PA Zip 18972

County Bucks

Mailing Address (if different)  
de maximis, Inc. 1125 Cedar Crest Blvd.

City Allentown State Pa. Zip 18972

Generator Contact Craig Coslett

Title Group Representative

Phone (610) 435-1151 Fax (610) 435-8459

EQ Customer No. 1220

Invoicing Company Code Environmental Services, Inc

Address 400 Middlesex Ave.

City Carteret State NJ Zip 07008

Country USA

Invoicing Contact Accounts Payable

Phone 732-969-2700 Fax 732-969-2701

Technical Contact Fred Andlauer

Phone 732-969-2700 Fax 732-969-2701

**Section 2 - Shipping and Packaging Information**

2.1) Shipping volume: 1 x 85gal OVPK w/55gal inner  
Shipping frequency: ☒ One Time Only ☐ Annual

2.2) DOT shipping name RQ Hazardous Waste,

Solid, N.O.S., 9, NA3077, PGIII

Density:      lbs./gallon or lbs./cubic yard (or) Specific Gravity: ~1

2.3) Packaging: (check all that apply)

- ☐ Bulk Solid (Yd<sup>3</sup> < 2000 lbs/yd<sup>3</sup>)
- ☐ Bulk Solid (Ton > 2000 lbs/yd<sup>3</sup>)
- ☐ Bulk Liquids (Gallons)
- ☐ Cubic Yard Boxes
- ☒ Drums
- ☐ Other (palletized, 5 gal. pails, etc.) \_\_\_\_\_

Quoted bulk disposal charges for solid materials will be billed by the cubic yd., if waste density is less than 2,000 lbs. per cubic yd. If waste density is greater than 2,000 lbs. per cubic yd., then bulk disposal charges will be billed by the ton regardless of the approved container.

**Section 3 - Physical Characteristics**

**WASTE COMMON NAME:**

- 3.1) Color (describe): Black, Brown
- 3.2) Odor (describe): Mild Volatile Organic
- 3.3) Physical state at 70 °F: (check all that apply)  
☒ Solid ☐ Dust ☐ Liquid ☒ Sludge
- 3.4) Does this waste contain?: (check all that apply) (minor)  
☐ Free Liquids ☐ Metal fines ☐ Powders ☐ Oily residue  
☐ Biodegradable sorbants ☒ NONE
- 3.5) Does this waste contain?: (check all that apply) ☒ NONE  
☐ Asbestos - friable ☐ Pyrophoric waste  
☐ Asbestos - non-friable ☐ Reactive waste  
☐ Dioxins ☐ Shock Sensitive waste  
☐ Furans ☐ Radioactive waste  
☐ Biohazard ☐ Explosives

3.6) Describe the composition of the waste (i.e. key chemical compounds, soil, water, ppe, debris, etc.):

Organic Resin (solidified) \_\_\_\_\_ to 100 %

Benzene (TCLP)- 0.88 ppm \_\_\_\_\_ to \_\_\_\_\_ %

\_\_\_\_\_ to \_\_\_\_\_ %

\_\_\_\_\_ to \_\_\_\_\_ %

**Total = 100 %**

3.7) Does this waste contain > 50% contaminated soil?  
☐ Yes ☒ No

3.8) Does this waste contain > 50% debris by volume?  
(debris is greater than 2.5 inches in size) ☐ Yes ☒ No

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**Section 4 - Generating Process and Regulatory Information**

4.1) Provide a detailed description of the process (es) generating this waste (attach flow diagram if available):

Excavation and one time cleanup of volatile hot spots, and soils associated with drum and drum fragments from 24 magnetic anomaly areas identified at the Boarhead Farms Superfund Site in Upper Black Eddy, PA.

Based upon RCRA waste regulations (40 CFR 261) and Michigan Act 451 Rules:

Waste Code(s)

- 4.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ☐ Yes ☒ No
- 4.3) Is this a MICHIGAN hazardous waste (Other than RCRA)? ☐ Yes ☒ No
- 4.4) Is this a MICHIGAN nonhazardous liquid industrial waste? ☐ Yes ☒ No
- 4.5) Is this a UNIVERSAL waste? ☐ Yes ☒ No
- 4.6) Does this waste exceed LDR treatment standards? ☒ Yes ☐ No
- 4.7) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ☒ Yes ☐ No
- 4.8) What is the flash point of this waste? ☐ <90°F ☐ 90-140°F ☐ 140-199°F ☒ >200°F
- 4.9) Is the waste an oxidizer? ☐ Yes ☒ No
- 4.10) What is the pH of this waste? ☐ <2 ☐ 2-4.9 ☒ 5-10 ☐ 10.1-12.4 ☐ ≥12.5
- 4.11) Does this waste contain reactive cyanide ≥ 250 ppm? ☐ Yes ☒ No
- 4.12) Does this waste contain reactive sulfide ≥ 500 ppm? ☐ Yes ☒ No
- 4.13) Is the waste surcharge exempt? (attach surcharge form) ☐ Yes ☒ No

Code	Regulatory Level TCLP (mg/L)	Concentration (if above)	Code	Regulatory Level TCLP (mg/L)	Concentration (if above)
D004 Arsenic	5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D024 m-Cresol	200	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D005 Barium	100	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D025 p-Cresol	200	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D006 Cadmium	1	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D026 Cresols	200	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D007 Chromium	5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D027 1,4-Dichlorobenzene	7.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D008 Lead	5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D028 1,2-Dichloroethane	0.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D009 Mercury	0.2	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D029 1,1-Dichloroethylene	0.7	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D010 Selenium	1	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D030 2,4-Dinitrotoluene	0.13	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D011 Silver	5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D031 Heptachlor	0.008	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D012 Endrin	0.02	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D032 Hexachlorobenzene	0.13	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D013 Lindane	0.4	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D033 Hexachlorobutadiene	0.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D014 Methoxychlor	10	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D034 Hexachloroethane	3.0	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D015 Toxaphene	0.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D035 Methyl Ethyl Ketone	200	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D016 2,4-D	10	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D036 Nitrobenzene	2	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D017 2,4,5-TP(Silvex)	1	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D037 Pentachlorophenol	100	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D018 Benzene	0.5	<input type="checkbox"/> Below <input checked="" type="checkbox"/> Above 0.33 ppm	D038 Pyridine	5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D019 Carbon Tetrachloride	0.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D039 Tetrachloroethylene	0.7	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D020 Chlordane	0.03	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D040 Trichloroethylene	0.5	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D021 Chlorobenzene	100	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D041 2,4,5-Trichlorophenol	400	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D022 Chloroform	6.0	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D042 2,4,6-Trichlorophenol	2	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above
D023 o-Cresol	200	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above	D043 Vinyl Chloride	0.2	<input checked="" type="checkbox"/> Below <input type="checkbox"/> Above

4.14) The hazardous constituent information is based on: ☒ Analysis (Please attach for review) ☐ Generator Knowledge ☐ Both

4.15) If this is a characteristic (D-coded) hazardous waste, does it contain underlying hazardous constituents (List in Section 5)?

☒ Yes ☐ No ☐ N/A**Section 5 - Constituent Information**

Review the following items in the EQ Resource Guide and indicate their concentrations below:

- 1) MVOC (Michigan Volatile Organic Compounds) 2) CCVOC (Subpart CC Volatile Organic Compounds)  
3) UHC (Underlying Hazardous Constituents) 4) TRI (Toxic Release Inventory Constituents)

Indicate all constituents in your waste stream, their concentrations, and circle Yes or No for UHC:

UHC?	
Yes <input checked="" type="checkbox"/> No	BENZENE - 0.33 ppm (TCLP)
Yes <input checked="" type="checkbox"/> No	TOLUENE - 140 ppm (Total)
Yes <input checked="" type="checkbox"/> No	SEE ATTACHED TOTALS ANALYSIS

UHC?	
Yes-No	
Yes-No	
Yes-No	

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**Section 6 - PCB & TSCA Information**

- 6.1) What is the concentration of PCBs in the waste? ☒ None ☐ 0-5 ppm ☐ 6-49 ppm ☐ 50-499 ppm ☐ 500+ppm
- 6.2) Does the waste contain PCB contamination from a source with a concentration  $\geq 50$  ppm? ☐ Yes ☒ No
- 6.3) Does this waste contain free liquids? (use paint filter test) ☐ Yes ☒ No
- 6.4) Has this waste been processed into a non-liquid form? ☐ Yes ☒ No  
If yes, what was the concentration of PCBs prior to processing? ☒ N/A ☐ 0-499 ppm ☐ 500+ ppm
- 6.5) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☐ Yes ☒ No
- 6.6) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☒ No
- 6.7) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☒ N/A ☐ Yes ☐ No

**Section 7 - Benzene NESHA P Information**

NESHA P SIC CODES	
2812	2836 2875
2813	2841 2879
2816	2842 2891
2819	2843 2892
2821	2844 2893
2822	2851 2895
2823	2861 2899
2824	2865 2911
2833	2869 3312
2834	2873 4953
2835	2874 9511

- 7.1) Does this waste stream contain Benzene? (if "no" to 7.1, please skip to section 8) ☒ Yes ☐ No
- 7.2) Does the waste stream come from a facility with one of the SIC codes listed under NESHA P? ☐ Yes ☒ No
- 7.3) Does your company manage wastes from facilities with Total Annual Benzene (TAB)  $\geq 10$  Mg/year? ☐ Yes ☒ No  
→ If you answered "NO" to question 7.2 AND 7.3 please skip to Section 8.
- 7.4) Does the waste contain >10 % water? ☐ Yes ☐ No
- 7.5) What is the TAB quantity for your facility? \_\_\_\_\_ Mg/Year
- 7.6) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No
- 7.7) What is the total Benzene concentration in your waste? \_\_\_\_\_ percent or \_\_\_\_\_ ppmw.  
(Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602, and 624.)

**Section 8 - Waste Constituent Information**

→ COMPLETE FOR MICHIGAN DISPOSAL WASTE TREATMENT PLANT, WAYNE DISPOSAL, AND EOIS T&amp;P

- 8.1) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? ☐ Yes ☒ No
- 8.2) Does this waste contain any MVOC constituents as defined in the EQ Resource Guide? ☒ Yes ☐ No
- 8.3) Is this waste subject to Subpart CC regulation (i.e., contain  $\geq 500$ ppm (VOCs) Volatile Organic Compounds)? ☐ Yes ☒ No  
→ If 8.1, 8.2 or 8.3 is "yes"—please indicate the constituents and their concentrations in the table provided in Section 5

**Section 9 - Reclamation/Recycling/Fuel Blending**

→ Complete for Michigan Recovery Systems ONLY

- 9.1) Heat value (BTU/lb): \_\_\_\_\_ Chlorine (%): \_\_\_\_\_ Water (%): \_\_\_\_\_ Solids (%): \_\_\_\_\_
- 9.2) Is this material a recoverable petroleum product? ☐ Yes ☐ No
- 9.3) Is this material for wastewater treatment? ☐ Yes ☐ No  
→ If 9.1 or 9.2 is "yes"—please attach the Wastewater Addendum Form found in the EQ Resource Guide.

**Section 10 - Certification**

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Craig Coslett Printed Name Craig CoslettCompany Boarhead Farms OU-2 Group c/o de maximis, inc. Title Agent for Boarhead Farms Date 1-6-04  
PRP Group

The generator's signature must appear on the EQ Waste Characterization Report. If the generator has authorized a third-party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.